

## AMENDMENTS TO THE CLAIMS

**This listing of claims will replace all prior versions and listings of claims in the application:**

### LISTING OF CLAIMS:

1. (currently amended): A recycling method for recycling a product partially or fully made from a polyester, wherein the product has an identification display being appended integrally to the product so as to recycle the product, comprises the following steps (a)-(d):

(a) a step in which an information communication terminal connected to at least a product producer, a product seller, a member for collecting the products, a member for transporting the products, and intermediate raw material producer is authenticated by a server computer so as to access to a database through a telecommunication network, wherein the database records informations necessary for recycling the product;

(b) a step in which the authenticated information communication terminal equipping with an input means inputs a product information retrieved from the identification display to the server computer, wherein the identification display shows that the product to be recycled satisfies a product standard from health and safety; an easily recyclable product standard, and a product standard based on an environmental load at a stage for producing the product and on an environmental load at a recycling stage;

(c) a step in which the server computer identifies the product by searching the databases based on the inputted product information, and the server computer reads a management information of the identified product related to recycling from the database, and further the server computer enables the information communication terminal freely to read the database through the telecommunication network in accordance with a privilege of the information

communication terminal, if necessary, approves to write a recycling information required in a next stage to the database; and

(d) a step in which the each information communication terminal and the server computer share the management information of the identification displays appended to ~~the~~-recycled products, and supply the recyclable used products for recycling based on the shared management information.

2. (currently amended): The recycling method according to claim 1, wherein the easily recyclable property of said product is judged by evaluating the recyclable property of each of parts constituting said product, recording ~~the~~-an evaluated recyclable property to form the database, and referring to said database from the part constitution of said product.

3. (original): The recycling method according to claim 2, wherein the easily recyclable property of said product is judged by setting management standards related to the recycling of the parts constituting said product, and referring to said database from a part constitution satisfying said management standards.

4. (original): The recycling method according to claim 2, wherein a content of a recycling-inhibiting substance for inhibiting the recycling for each of said parts is specified and then inputted into said database.

5. (canceled).

6. (previously presented): The recycling method according to claim 2, wherein said product has a composition satisfying the following expression (1).

$$([\alpha]1 + [\beta]1 + [\gamma]1 + \dots [\omega]1) / X * 100 \geq 40 \text{ (1)}.$$

(wherein, X is the weight of the product,  $[\alpha]1$ ,  $[\beta]1$ ,  $[\gamma]1$ , . . .  $[\omega]1$  are each a polyester content in each part).

7. (currently amended): The recycling method according to claim ~~2~~ 6, wherein the composition of each part constituting said product is not less than 40 percent by weight of a polyalkylene terephthalate composition.

8. (currently amended): The recycling method according to claim 1, wherein the recyclable product distributed in ~~the a~~ market is managed by giving management information related to the recycling, such as the raw materials, production date, production place, production lot No., weight, quality data, recyclable raw material employment rate, and recommended recycling method of the commodity product to said identification display, visually and/or electronically reading said management information, and, if necessary, adding new management information.

9. (original): The recycling method according to claim 1, wherein a prescribed amount of refund is paid back to a consumer, when the management information contained in said identification display appended to the product used by the consumer is read and the product is consequently found to fit to prescribed standards.

10. (currently amended): The recycling method according to claim 1, wherein members including at least product producers, product sellers, members for collecting the used products, members for transporting the used products, and intermediate raw material producers, as constituent members, who jointly operate the system for recycling the products are connected to each other through a the telecommunication network to share the management information of said identification displays appended to the recycled products.

11. (currently amended): The recycling method according to claim 10, wherein a the server computer capable of reading and writing data for managing the products to be recycled is disposed on said telecommunication network to give in accessible, readable, and writable states necessary information related to a the product specified by said display to a the member accessed to a home page provided by said server, or, if necessary, to a non-member, in response to an authority given to each member or non-member.

12. (currently amended): The recycling method according to claim 11, wherein whether a-brought bought used product can be recycled or not is evaluated by at least one evaluation means including a visual inspection using the identification display, a non-destructive inspection and/or a chemical analysis inspection.

13. (currently amended): The recycling method according to claim 12, wherein the a receiving evaluation of the used product brought in by a the non-member is approved by an information network manager integrally managing the operation of the recycling system.

14.-15. (canceled).

16. (original): The recycling method according to claim 1, wherein the product collected for the recycling is supplied to a material recycle and/or a chemical recycle.